Figure 1 - Reina-San-Martin, B. et al.

а

3H-thymidine uptake (c.p.m.)

48 h

48 h

72 h

Total

A B-thymidine uptake (c.p.m.)

48 h

Total

A B-thymidine uptake (c.p.m.)

48 h

Total

A B-thymidine uptake (c.p.m.)

48 h

Total

A B-thymidine uptake (c.p.m.)

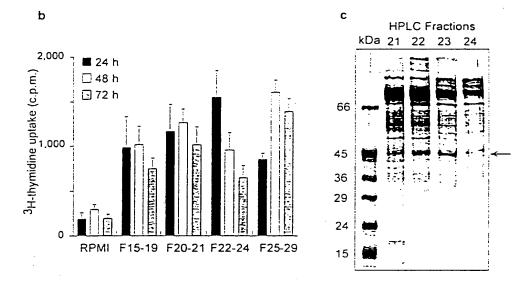
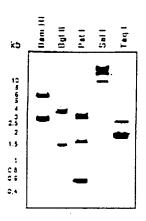
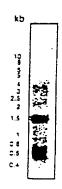
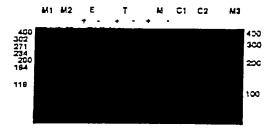


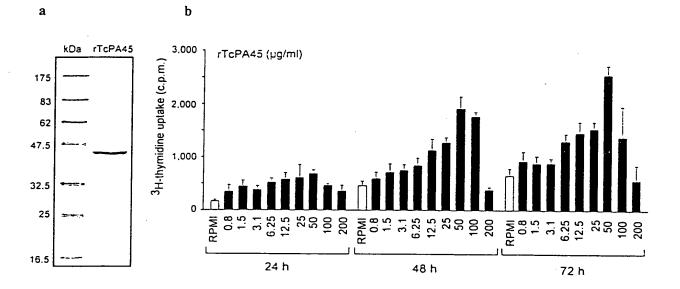
Figure 2 - Reina-San-Martin, B. et al.

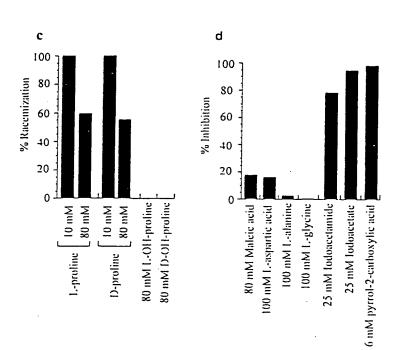
4		
Tc	MRKSVCPKQKFFFSAFPFFFFFCVFPLISRTGQEKLLFDQKYKIIKGEKKEKKKNQRANRREHQQKREIMRFKKS	75
Cs	MKFSKG	6
Pa		3
Tc	FTCIDMHTEGEAARIVTSGLPHIPGSNMAEKKAYLQENMDYLRRGIMLEPRGHDDMFGAFLFDPIEEGADLGMVF	150
Cs	IHAIDSHTMGEPTRIVVGGIPQINGETMADKKKYLEDNLDYVRTALMHEPRGHNDMFGSIITSSNNKEADFGIIF	3 3
Pa	IRIIDSHTGGEPTRLVIGGFPDLGQGDMAERRRLLGERHDAWRAACILEPRGSDVLVGALLCAPVDPEACAGVIF	73
Tc	MDTGGYLNMCGHNSIAAVTAAVETGIVSVPAKATNVPVVLDTPAGLVRGTAHLQSGTESEVSNASIINVPSFLYQ	225
Cs	MDGGGYLNMCGHGSIGAATVAVETGMVEMVEPVTNINMEAPAGLIKAKVMVENEKVKEVSITNVPSFLYM	151
Pa	FNNSGYLGMCGHGTIGLVASLAHLGRIGPGVHRIETPVGEVEATLHEDGSVSVRNVPAYRYR	140
Tc	QDVVVVLPKPYGEVRVDIAFGGNFFAIVPAEQLGIDISVQNLSRLQEAGELLRTEINRSVKVQHPQLPHINTVDC	300
Cs	EDAKLEVPSLNKTITFDISFGGSFFAIIHAKELGVKVETSQVDVLKKLGIEIRDLINEKIKVQHPELEHIKTVDL	226
Рa	RQVSVEVPGI-GRVSGDIAWGGNWFFLVAGHGQRLAGDNLDALTAYTVAVQQALDDQDIRGEDGGAIDH	209
Tc	VEIYGPPTNPEANYKNVVIFGNRQADR SPCGT GTSAKMATLYAKGQLRIGETFVYESILGSLFQGRVLGEE	371
Cs	VEIYDEPSNPEATYKNVVIFGQGQVDR SPCGT GTSAKLATLYKKGHLKIDEKFVYESITGTMFKGRVLEET	297
Pa	IELFADDPHADSRNFVLCPGKAYDR SPCGT GTSAKLACLAADGKLLPGQPWRQASVIGSQFEGRYEWLDGQ	279
Tc	RIPGVKVPVTKDAEEGMLVVTAEITGKAFIMGFNTMLFDPTDPFKNGFTLKQ+ 423	
Cs	KVGEFDAIIPEITGGAYITGFNHFVIDPEDPLKYGFTV* 335	
Pa	PGGPIVPTIRGRAHVSAEATLLLADDDPFAWGIRR* 314	

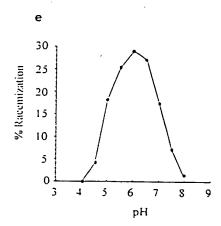


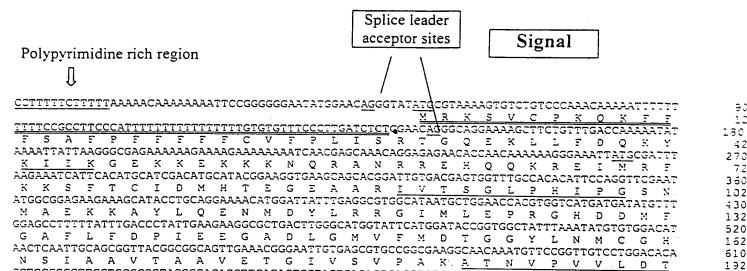












270

102

430

132

520

610

700

222

252

330

232

970

312

342

372

402

423

1050

1150

1240

1330

1420

1510

1600

1651

CCTGCGGGGTTGGTGCGCGGTACGGCACACCTTCAGAGTGGTACTGAGAGTGAGGTGTCAAATGCGAGTATTATCAATGTACCCTCATTT AGLVRGTAHLQSGTESEVSNASIINV TTGTATCAGCAGGATGTGGTGGTTGTTGCCAAAGCCCTATGGTGAAGTACGGGTTGATATTGCATTTGGAGGCAATTTTTTCGCCATT LYQQDVVVVLPKPYGEVRV GTTCCCGCGGAGCAGTTGGGAATTGATATCTCCGTTCAAAACCTCTCCAGGCTGCAGGAGGAGGAGAACTTCTGCGTACTGAAATCAAT V P A E Q L G I D I S V Q N L S R L Q E A G E L L R T E I N CGCAGTGTGAAGGTTCAGCACCCTCAGCTGCCCCATATTAACACTGTGGACTGTGTTGAGATATACGGTCCGCCAACGAACCCGGAGGCA RSVKVQHPQLPHINT V D C AACTACAAGAACGTTGTGATATTTGGCAATCGCCAGGCGGATCGCTCTCCATGTGGGACAGGCACCAGCGCCAAGATGGCAACACTTTAT G_N R Q A D R S P C G T G T S A K M A GCCAAAGGCCAGCTTCGCATCGGAGAGACTTTTGTGTACGAGAGCATACTCGGCTCACTCTTCCAGGGCAGGGTACTTGGGGAGGAGCGA AKGQLRIGETFVYESILGSLFQGRVLGEER ATACCGGGGGTGAAGGTGCCGAAAGATGCCGAGGAAGGGATGCTCGTTGTAACGGCAGAAATTACTGGAAAGGCTTTTATCATG PGVKVPVTKDAEEGMLVVTAEITGKAFIM GGTTTCAACACCATGCTGTTTGACCCAACGGATCCGTTTAAGAACGGATTCACATTAAAGCAGTAGATCTGGTAGAGCACAGAAACTATT G F N T M L F D P T D P F K N G F T L K Q

ATTATTA-AATTTTTTTTTTTTTTGGGGTTTCAACGGTACCGCGTTGGGAGCAGGGAAGCGATAGCGGCCGGACAATTTTTTGCTTTTAT

AGGAATAAACATATTTCAATTTCATATCTTGGAATCAAAAGGCAT

Polyadenilation site

Obs : Underlined the sequenced peptides used to deduce degenerated primers for cloning

Nucleotide sequence and peptide sequence TcPA45

38

Western Glot

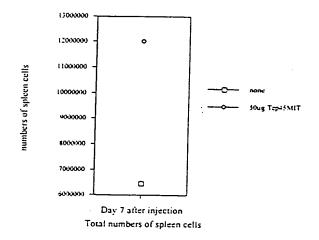
LANE 3

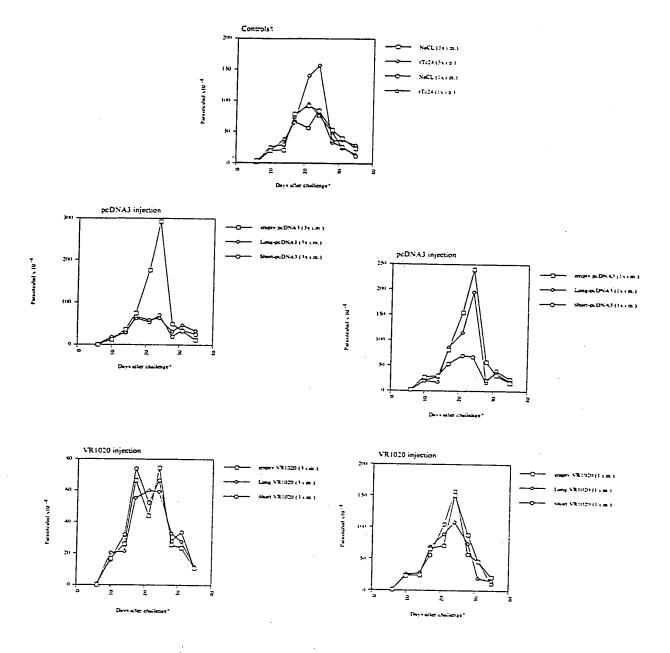
SOLUBLE FRACTION OF EPIMAJTISOTE EXTRECT (CYTOSOLIC)

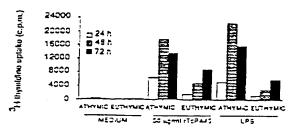
ENERICED WITH ANTICODY

DIRECTED TO RTEPA 45:

= DEMONSTRATE THE EXISTANCE OF A INTRACYTOPLASMIC FORM DE TEPA-45 IN THE PROPASITE









Anti-rTcPA45 serum



